



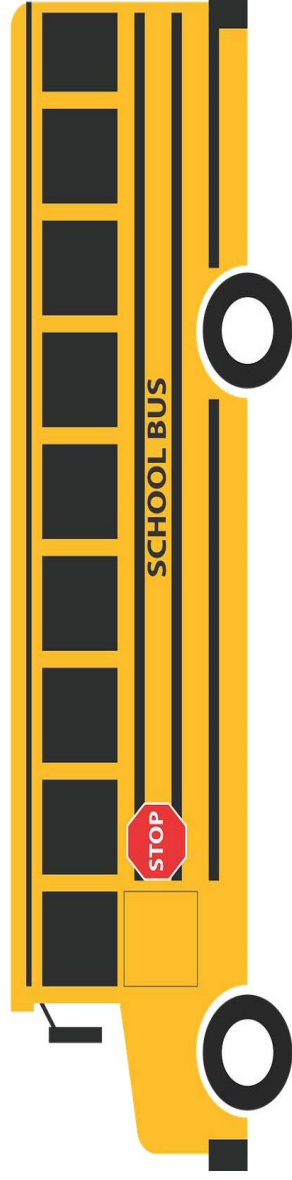
CCDS Transportation

2021/2022 Synovia GPS Presentation



AGENDA

- Transportation
- GPS Current v/s GPS Future Improvements
- Cost Savings
- Questions



Transportation Changes since 2017



- **240 buses with Air Conditioning**
 - **240 buses with (5) video cameras**
 - **100 new buses 2020. CCDS has newest Fleet in FL**
 - **Here Comes the Bus APP increase to almost 80%**
 - **GPS Providing efficiency on routes and Safety to our Drivers/Monitors and Students**
-

Synovia GPS



A GOD WE TRUST

Present

Synovia 2016-2021:

- ❖ 2G-3G tablets on 240 buses
- ❖ Comparative Analysis
 - Route Efficiency
- ❖ Core Track and Trace
 - Student Tracking on Buses
- ❖ Time and Attendance
 - Pay Sheet Efficiency
- ❖ Parent Portal (Here comes the bus)

❖ **Navigation**

Future

Synovia 2021-2026:

- ❖ 4G tablets on 240 buses
 - Improved Cell Coverage.
- ❖ Comparative Analysis on routes
 - Route Efficiency
- ❖ Core Track and Trace
 - Student Tracking on Buses
- ❖ Time and Attendance
 - Pay Sheet Efficiency
- ❖ Parent Portal (Here comes the bus)
 - 80% of our Families have APP
- ❖ **Engine Diagnostics**
 - **Pro-active Alerts**
- ❖ Improved reporting system

Cost Savings



Clay County District Schools
cost without renewal \$150K

Route Efficiency



In 2018/2019 58% of
families had the Here
Comes the Bus APP

St. Johns County District
Schools -Zonar \$ 160K

Fuel Efficiency



In 2019/2020 71% of
Families had the Here
Comes the Bus APP

Alachua County District
Schools - Gatekeeper 175K

Safety and Security



In 2020/2021 76% of
Families had the Here
Comes the Bus APP.



Bus GPS Location

The screenshot displays a web-based GPS tracking application for school buses. The main map shows a route with several red bus icons. The sidebar on the left contains a list of events with checkboxes for filtering, including: Select all events, Amber lights off, Amber lights on, Child check complete, Diagnostic message, Entrance door close, Entrance door open, GPS update, Harsh acceleration, Harsh braking, Harsh turning, and Idle alert. Below the sidebar are panels for 'History by Date' (set to 5/9/2016 12:00 AM to 5/9/2016 11:59 PM) and 'Map Options' (with 'Connect the points' checked). A 'Speed Options' panel shows 'Over' and 'Under' speed limits set to 10 MPH. The main data table, titled 'Results (908)', has columns for Vehicle, Fleet, Time, Event, Speed, Heading, Location, and Distance. The table contains 16 rows of data for vehicle 08-684, showing events like 'GPS Update', 'Stop Arm Open', 'Entrance Door Open', 'RR Check Start', 'Amber Lights Off', and 'GPS Update' at various times on 5/9/2016. The speed is consistently 0, and the location is 'Middleburg'. The distance for each row is 0.00 mi.

Vehicle	Fleet	Time	Event	Speed	Heading	Location	Distance
10 08-684	Clay County Transportation	5/9/2016 6:06:57 AM	GPS Update	0	-	Middleburg	0.00 mi
11 08-684	Clay County Transportation	5/9/2016 6:01:00 AM	Stop Arm Open	0	-	Middleburg	0.00 mi
12 08-684	Clay County Transportation	5/9/2016 6:01:04 AM	Entrance Door Open	0	-	Middleburg	0.00 mi
13 08-684	Clay County Transportation	5/9/2016 6:01:04 AM	RR Check Start	0	-	Middleburg	0.00 mi
14 08-684	Clay County Transportation	5/9/2016 6:01:05 AM	Amber Lights Off	0	-	Middleburg	0.00 mi
15 08-684	Clay County Transportation	5/9/2016 6:01:20 AM	GPS Update	0	-	Middleburg	0.00 mi
16 08-684	Clay County Transportation	5/9/2016 6:01:36 AM	GPS Update	0	-	Middleburg	0.00 mi



Thank you

Clay County District Schools Transportation